



HB 2010

SEPT. 27 – OCT. 1, 2010
MORSCHACH / SWITZERLAND







PAUL SCHERRER INSTITUT



46th ICFA Advanced Beam Dynamics Workshop on High-Intensity and High-Brightness Hadron Beams

September 27 – October 1, 2010
Swiss Holiday Park, Morschach, Switzerland

Topics

-  beam dynamics in rings and linacs
-  new concepts and projects
-  accelerator system design, RF, injection, extraction
-  commissioning, operation and performance
-  computational challenges of beam dynamics modelling
-  instrumentation and beam material interaction

Plenary Speakers

C. Rubbia (CERN), C. Prior (RAL), J. Galambos (ORNL),
T. Koseki (J-PARC), P. Spiller (GSI), R. Assmann (CERN),
W. Leemans (LBL)

Deadlines

abstract submission: **June 20, 2010**
early registration: **July 23, 2010**

Monday 27.09.2010			Tuesday 28.09.10			Wednesday 29.09.10			Thursday 30.09.10			Friday 01.10.10		
08:45	00:20	Welcome M. Seidel	08:45	00:15	Announcements	08:45	00:15	Announcements	08:45	00:15	Announcements	Transfer to PSI		
09:05	00:45	C. Rubbia	09:00	00:20	WG-D WG-E	09:00	00:20	WG-F WG-A	09:00	00:20	WG-B WG-G			
09:50	00:35	J. Galambos	09:20	00:20	WG-D WG-E	09:20	00:20	WG-F WG-A	09:20	00:20	WG-B WG-G	Coffee		
10:25	00:15	Coffee	09:40	00:20	WG-D WG-E	09:40	00:20	WG-F WG-A	09:40	00:20	WG-B WG-G			
10:40	00:15		10:00	00:20	WG-D WG-E	10:00	00:20	WG-F WG-A	10:00	00:20	WG-B WG-G	Summary		
10:55	00:35	C.Prior	10:20	00:15	Coffee	10:20	00:15	Coffee	10:20	00:15	Coffee			
11:30	00:35	T. Koseki	10:35	00:15	WG-B WG-C	10:35	00:15	WG-B WG-G	10:35	00:15	WG-C FREE			
12:05	00:35	R. Assmann	10:50	00:20		10:50	00:20	WG-B WG-G	10:50	00:20	WG-C FREE			
12:40	00:15	Lunch	11:10	00:20		11:10	00:20	WG-B WG-G	11:10	00:20	WG-C FREE			
12:55	00:15		11:30	00:20		11:30	00:20	WG-B WG-G	11:30	00:20	WG-C FREE			
13:10	00:15		11:50	00:20		11:50	00:20	WG-B WG-G	11:50	00:20	WG-C FREE			
13:25	00:15		12:10	00:20		12:10	00:20	WG-B WG-G	12:10	00:20	WG-C FREE			
13:40	00:15		12:30	00:15	Lunch	12:30	00:15	Lunch	12:30	00:15	Lunch	Lunch		
13:55	00:10		12:45	00:15		12:45	00:15		12:45	00:15				
14:05	00:35	P. Spiller	13:00	00:15		13:00	00:15		13:00	00:15				
14:40	00:35	W. Leemans	13:15	00:15		13:15	00:15		13:15	00:15				
15:15	00:20	Poster Session	13:30	00:15		13:30	00:15		13:30	00:15				
15:35	00:20		13:45	00:30	WG-D WG-A	13:45	00:30	WG-F WG-E	13:45	00:30	WG-A WG-G	PSI Tour		
15:55	00:20	Discussion Laser Acceleration	14:15	00:20		14:15	00:20	WG-F WG-E	14:15	00:20	WG-A WG-G			
16:15	00:20	Refreshments	14:35	00:20		14:35	00:20	WG-F WG-E	14:35	00:20	WG-A WG-G			
16:35	00:15		14:55	00:20		14:55	00:20	WG-F WG-E	14:55	00:20	WG-A WG-G			
16:50	00:15	Poster Session	15:15	00:20		15:15	00:20	WG-F WG-E	15:15	00:20	WG-A WG-G			
17:05	00:20		15:35	00:15	Coffee	15:35	00:15	Coffee	15:35	00:15	Coffee	Coffee		
17:25	00:20		15:50	00:15	WG-D WG-A	15:50	00:15	WG-F WG-E	15:50	00:15	WG-A WG-G			
17:45	00:45		16:05	00:20		16:05	00:20	WG-F WG-E	16:05	00:20	WG-A WG-G			
18:30			16:25	00:20	WG-D WG-A	16:25	00:20	WG-F WG-E	16:25	00:20	WG-A WG-G			
			16:45	00:05	WG-B&D WG-C	16:45	00:05	FREE WG-E&F	16:45	00:05	WG-A WG-G	Departure to Morschach or ind. departure to Airport		
			16:50	00:15		16:50	00:15		16:50	00:15				
			17:05	00:15		17:05	00:15		17:05	00:15				
			17:20	00:15		17:20	00:15		17:20	00:15				
			17:35	00:15		17:35	00:15		17:35	00:15				
			17:50	00:10		17:50	00:10		17:50	00:10				
			18:00			18:00			18:00			Dinner (Start at 19:00) 1h transfer		

Slots	Work	
16	WG-A	Working Group A: Beam Dynamics in High-Intensity Circular Machines
14	WG-B	Working Group B: Beam Dynamics in High-Intensity Linacs
10	1 WG-C	Working Group C: Accelerator System Design, Injection, Extraction
10	WG-D	Working Group D: Commissioning, Operations and Performance
10	1 WG-E	Working Group E: Computational Challenges in High-Intensity Linacs, Rings including FFAGs and Cyclotrons
10	1 WG-F	Working Group F: Beam Diagnostics and Instrumentation for High-Intensity Beams
15	WG-G	Working Group G: Beam Material Interaction

Total assigned
 85
 Free
 5
 Total
 90